SOUNDINGS IN FEET

13281

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852

Formerly C&GS 233, 16th Ed., Mar. 1931; C-1931-347

Nautical Chart Catalog No. 1, Panel H

(CONTINUED ON CHART 13279)

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IPSWICH BAY

CAPE ANN

ANNISQUAM

Davis Neck

Bay View

Church Spire

Wigwam Pt.

Todd Rocks

Barn Rocks

Salt Marsh Beach

Ram Island

Jones River

Mill River

Riverdale

Pearce Island

Riverview

Russell Hill

Rust Island

Ferry Hill

Blaikie Head

Little River

Stacy

Duncan Point

Stockmans Point

Perkins Cove

Fort Point

Stage Fort Park

Stage Head

Bond Hill

Harbormaster Beach

County Beach

Bridge Street Bridge

Blynman Canal

Blynman Bridge

Perkins Lake

GLOUCESTER

EAST GLOUCESTER

WESTERN HARBOR

INNER HARBOR

Harbor Cove

Church Towers

Church Spire

Clock Tower

Chimney

Monument

Marsh

Mud

Mud Flats

Sand

Rocks

Ledge

Cove

Point

Beach

Park

Hill

Head

Island

Neck

Pier

Wharf

Anchorage

Ferry Slip

Boat Ramp

Public Landing

Fish Pier

Fish Flake

Boat Yard

Boat Basin

Yacht Club

Coast Guard Base

Coast Guard Station

Pilot Station

Customs Station

Post Office

Hospital

Police Station

Fire Station

Radio Tower

Water Tower

Tank

Church

Chapel

Cemetery

Monument

Flagstaff

Flagpole

Windmill

Lighthouse

Light

Buoy

Beacon

Daybeacon

Lighted Buoy

Whistle Buoy

Bell Buoy

Gong Buoy

Horn

Fog Signal

Submarine Cable

Overhead Cable

Pipeline

Ferry Route

Bridge

Causeway

Dam

Jetty

Breakwater

Seawall

Pier

Wharf

Dock

Slip

Anchorage

Mooring Area

Quarantine Anchorage

Seaplane Anchorage

Restricted Area

Danger Area

Prohibited Area

Submarine Area

Military Practice Area

Firing Practice Area

Target Area

Bombing Area

Torpedo Area

Mine Area

Degaussing Range

Compass Adjustment Area

Swinging Circle

Turning Basin

Channel

Fairway

Range

Leading Line

Course

Track

Route

Traffic Separation Scheme

Inshore Traffic Zone

Precautionary Area

Deep Water Route

Two-Way Route

One-Way Route

Roundabout

Separation Zone

Separation Line

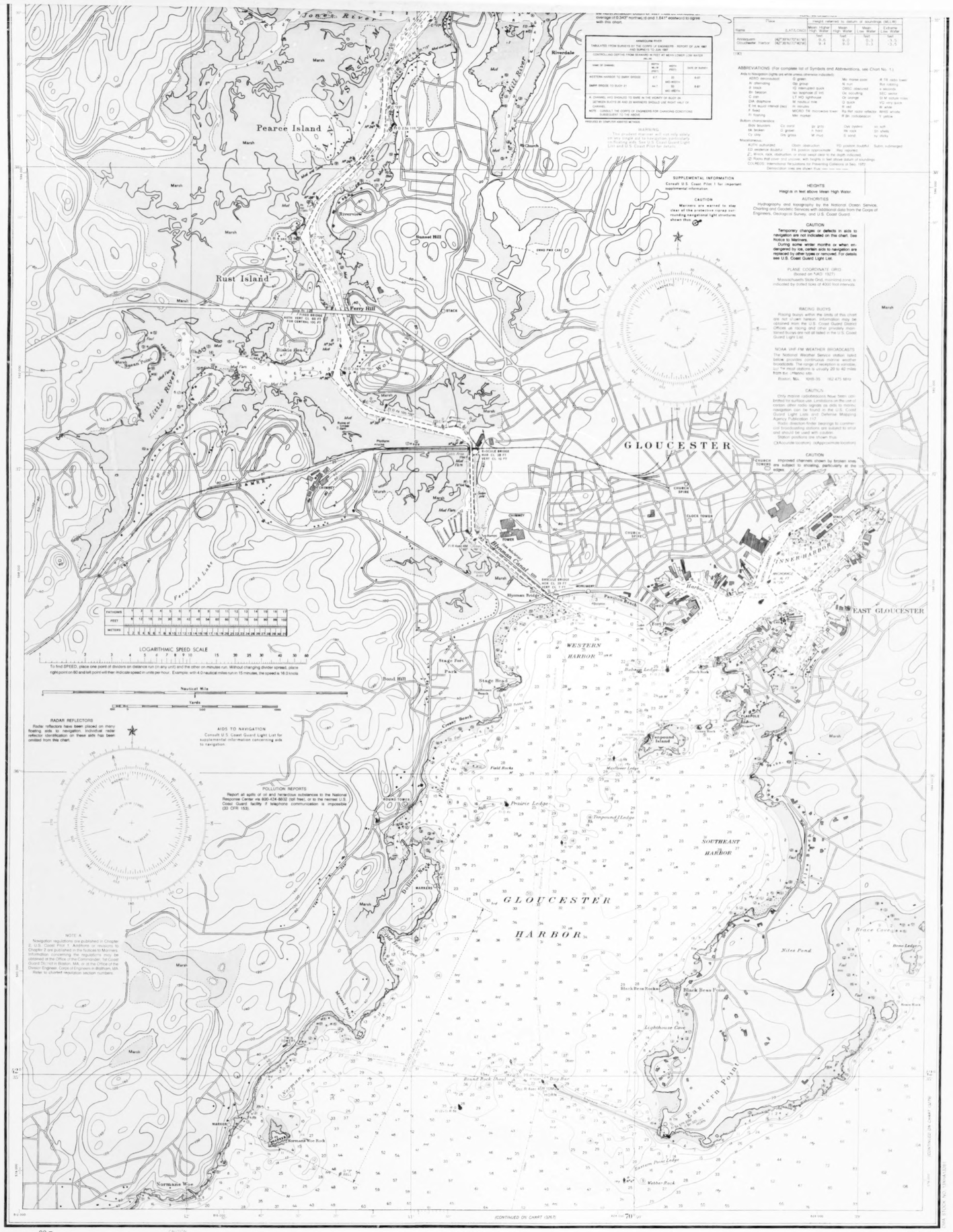
Separation Boundary

Separation Point

Separation Crossing

Separation Roundabout

Separation Lane


Pearce Island
Rust Island
Perry Hill
Riverdale
Riverview
Bunker Hill
Little River
Fernwood Lake
Blynman Canal
GLOUCESTER
INNER HARBOR
EAST GLOUCESTER
WESTERN HARBOR
SOUTHEAST HARBOR
GLOUCESTER HARBOR
Stage Fort Park
Stage Head
Bond Hill
Prisoner Rock
Prairie Ledge
Tompound Ledge
Field Rocks
Niles Pond
Black Beau Rocks
Black Beau Point
Lighthouse Cove
Eastern Point
Eastern Point Ledge
Webber Rock
Normans Woe
Normans Woe Rock
Round Rock Shoal
Dog Bar
Brace Cove
Brace Rock
Brace Ledge
Pavilion Beach
Fort Point
Harbor Cove
Coast Beach
Half Moon Beach
Mussel Point
Salt House Cove
Marsh
Mud Flats
Sand
Rocks
CHURCH SPIRE
CLOCK TOWER
CHIMNEY
TOWER
RESOURCE TOWERS
ROUND TOWER
MARKERS
HORN
WRECK
CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.
CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.
During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.
CAUTION
Only marine radiobeacons have been controlled for surface use. Limitations on the use of certain other radiobeacons as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and Defense Mapping Agency Publication 117.
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus.
(Accurate location) (Approximate location)
CAUTION
Mariners are warned to stay clear of the protective ranges surrounding navigational light structures shown thus
SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 1 for important supplemental information
HEIGHTS
Heights in feet above Mean High Water.
AUTHORITIES
Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.
PLANE COORDINATE GRID
(Based on NAD 1927)
Massachusetts State Grid, mainland zone, is indicated by dotted lines at 4000 foot intervals.
RACING BUOYS
Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other privately maintained buoys are not all listed in the U.S. Coast Guard Light List.
NOAA VHF-FM WEATHER BROADCASTS
The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but the most stations is usually 20 to 40 miles from the antenna site.
Boston, MA. WXJ-35 162.475 MHz
RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.
AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.
POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).
NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 1. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 1st Coast Guard District in Boston, MA, or at the Office of the Division Engineer, Corps of Engineers in Waltham, MA. Refer to charted regulation section numbers.
LOGARITHMIC SPEED SCALE
To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right-point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.
Nautical Mile
Yards
FATHOMS
FEET
METERS
ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
Buoys
Bottom characteristics
Miscellaneous
CONTINUED ON CHART 13267
CONTINUED ON CHART 13280

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CAUTION
This chart has been corrected from the Notices to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

(Gloucester Harbor and Annisquam River)
SOUNDINGS IN FEET - SCALE 1:10,000
SOUNDINGS IN FEET

13281

C55.418/7: 13281/990